

Report Date: 02 Feb 2013

**Summary Report for Individual Task
113-587-2071
Operate SINCGARS Frequency Hopping (FH) (Net Members)
Status: Approved**

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Condition: Given an operational SINGARS radio, ECCM fill device with FH data, KYK-13/TSEC with keys, C-11291 CM, distant net control station (NCS), unit SOI, TM 11-5820-890-10-8, TM 11-5820-890-10-3, TM 11-5820-890-10-1, ACP 125 US Suppl-1, FM 24-19, and FM 24-18. The student will be aware of Contemporary Operational Environment factors such as extreme temperature differences, unstable political state and hostile locals are of the essence to maintain vital communications. Some iterations of this task should be performed in MOPP.

Standard: Establishes FH communications using the cold start and CUE late net entry methods, successfully completes the radio check, and changes the radio functions using the control monitor, while observing Contemporary Operational Environment..

Special Condition: None

Special Standards: None

Special Equipment: None

MOPP: Sometimes

Task Statements

Cue: None

DANGER

None

WARNING

None

CAUTION

None

Remarks: None

Notes: None

Performance Steps

1. Perform starting procedures. (Set radio to PLGR (AN/PSN-11) or DAGR (AN/PSN-13) time.) TM 11 5820-890-1 Page 3-5.
2. Perform net member cold start procedures. TM 11-5820-890-10-1 Page 3-5.
 - a. Use correct call signs. IAW ACP-125 () Chapter 6 (603)
 - b. Use correct procedures. IAW ACP-125 () Chapter 6 (603)
3. Perform net member CUE late net entry. IAW ACP-125 () Chapter 6 (604) and TM 11 5820-890-10-8 4.6, a and b.
 - a. Use correct call signs IAW ACP-125() Chapter 6 (603).
 - b. Use correct procedures IAW ACP-125() Chapter 6 (603).
4. Perform stopping procedures. TM 11-5820-890-10-1 Page 1-17 (Clearing memory)

(Asterisks indicates a leader performance step.)

Evaluation Preparation: Setup: Ensure radio set is complete and operational with CM installed on radio set. Brief soldier: Tell the soldier all performance measures must be completed correctly within 20 minutes. All performance measures must be done in sequence.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Performed starting procedures.			
2. Performed net member cold start procedures.			
3. Performed net member CUE late net entry.			
4. Performed stopping procedures.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	ACP 125 US SUPP-1	Communications Instructions Radiotelephone Procedures for Use by United States Ground Forces.	Yes	No
	TM 11-5820-890-10-1	OPERATORS MANUAL FOR SINCGARS GROUND COMBAT NET RADIO, ICOM MANPACK RADIO AN/PRC-119A (NSN 5820-01-267-9482) (EIC: L2Q) SHORT RANGE VEHICULAR RADIO AN/VRC-87A (5820-01-267-9480) (EIC: L22) SHORT RANGE VE	Yes	No
	TM 11-5820-890-10-8	Operator's Manual for SINCGARS Ground Combat Net Radio, ICOM Manpack Radio, AN/PRC-119A, Short Range Vehicular Radio AN/VRC-87A, Short Range..... Multiplexer (FHMUX) (Item also produced in electronic media and included on EM 0071).	Yes	No
	UNIT SOI	Unit/Unit's Signal Operation Instructions (SOI)	Yes	No

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects.

Safety: In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination. Hazards:

The battery box, CY-8523 contains a lithium-sulfur dioxide battery. The gas is toxic and must not be abused in any way which may cause the battery to rupture.

Do not expose battery to high heat or open flame.

In the event of a fire near a lithium battery, do not use a water, or Halon type fire extinguisher to put out fire. Use a carbon dioxide fire extinguisher.

Prerequisite Individual Tasks : None

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
113-609-2006	Operate Simple Key Loader (SKL) AN/PYQ-10	113 - Signal (Individual)	Approved
171-300-0063	Operate the Single Channel Ground and Airborne Radio System (SINCGARS) Advanced System Improvement Program (ASIP) Radio	171 - Armor (Individual)	Approved

Supported Individual Tasks :

Task Number	Title	Proponent	Status
441-096-1065	Destroy the Sentinel Sensor to Prevent Enemy Use	441 - Air Defense (Individual)	Analysis
441-096-1038	Connect Communications Interfaces on the FAAD Soft Top Shelter (STS)	441 - Air Defense (Individual)	Obsolete
071-120-0208	Establish a Computed Air Release Point Drop Zone	071 - Infantry (Individual)	Approved
071-120-0103	Operate a Verbal Initiated Release System Drop Zone	071 - Infantry (Individual)	Approved
441-096-1014	March Order of the Battery Command Post (BCP)	441 - Air Defense (Individual)	Analysis
071-120-0210	Operate a Computed Air Release Point Drop Zone	071 - Infantry (Individual)	Approved
14A-IFC-1002	Transition the Integrated Fire Control Station from the Emplacement State to the Combat State	441 - Air Defense (Individual)	Analysis
441-096-3301	Perform Battle Noncommissioned Officer (NCO) Engagement Procedures	441 - Air Defense (Individual)	Obsolete
061-275-8004(Step: 3.)	Operate SINCGARS-Advanced System Improvement Program (ASIP) with VIC-3	061 - Field Artillery (Individual)	Approved
441-096-1310	Perform Shutdown Procedures on the Engagement Operations Cell	441 - Air Defense (Individual)	Obsolete
071-120-0106	Operate a Ground Marked Release System Drop Zone	071 - Infantry (Individual)	Approved
441-PMG-1037	Operate the Automated Net Control Device (ANCD)	441 - Air Defense (Individual)	Obsolete

441-096-1321	Perform Preventive Maintenance and Checks and Services (PMCS) on the Engagement Operations Cell	441 - Air Defense (Individual)	Obsolete
441-096-1325	Perform Command and Control (C2) Operator Normal Operations Procedures on the Engagement Operations Cell	441 - Air Defense (Individual)	Obsolete
441-041-1016	Disseminate Air and Missile Defense (AMD) Early Warning	441 - Air Defense (Individual)	Approved
071-074-0048	Conduct a Reconnaissance of a Mortar Firing Position	071 - Infantry (Individual)	Approved

Supported Collective Tasks :

Task Number	Title	Proponent	Status
44-4-0026	Plan Sentinel Employment	44 - Air Defense (Collective)	Approved
01-3-1353	Provide Pathfinder Support	01 - Aviation/Aviation Logistics (Collective)	Analysis
05-3-1026	Perform an Area Search	05 - Engineers (Collective)	Approved
07-3-2036	Reconnoiter a Built-up Area (Platoon/Squad)	07 - Infantry (Collective)	Obsolete
34-2-0010	Report Tactical Information	34 - Combat Electronic Warfare and Intelligence (Collective)	Approved
02-2-2402	Music Performance Team (MPT) Performs Music in a Non-Marching/Non-Ceremonial Setting	02 - Music (Collective)	Obsolete
02-2-2403	Music Performance Team (MPT) Performs Music in a Marching/Ceremonial Setting	02 - Music (Collective)	Obsolete
07-3-1270	Conduct Tactical Movement (Mounted or Dismounted)	07 - Infantry (Collective)	Obsolete
44-4-3501	Disseminate Early Warning	44 - Air Defense (Collective)	Approved
17-5-0011	Created from Template: Establish Communications	17 - Armor (Collective)	Analysis
02-2-2401	Prepare a Music Performance Team (MPT) for performance	02 - Music (Collective)	Obsolete
17-5-0011	Establish Communications	17 - Armor (Collective)	Analysis
01-3-1353	Provide Pathfinder Support	01 - Aviation/Aviation Logistics (Collective)	Approved
34-5-3060	Establish Common Ground Station (CGS) Communications	34 - Combat Electronic Warfare and Intelligence (Collective)	Approved
34-5-3061	Provide Common Ground Station (CGS) Multidiscipline Intelligence Support	34 - Combat Electronic Warfare and Intelligence (Collective)	Approved
06-2-1057	Establish and Maintain Communications	06 - Field Artillery (Collective)	Delete
07-2-1607.P	Prepare a Long Range Surveillance company Base Radio Station for Operation	07 - Infantry (Collective)	Analysis
44-6-3501	Disseminate Tactical Area Platforms Warning to Deployed Formations and Civil Populations	44 - Air Defense (Collective)	Approved
05-3-1024	Perform Military Search Procedures on a Building	05 - Engineers (Collective)	Approved
17-5-0011	Establish Communications	17 - Armor (Collective)	Approved

ICTL Data :

ICTL Title	Personnel Type	MOS Data
12C Critical Task List - Skill Level 1	Enlisted	MOS: 12C, Skill Level: SL1
Cavalry Scout, SL1	Enlisted	MOS: 19D, Skill Level: SL1

M1 Armor Crewman, SL1	Enlisted	MOS: 19K, Skill Level: SL1
ICTL Aviation Operations Specialist SL 1	Enlisted	MOS: 15P, Skill Level: SL1
MOS 25C - Radio Operator-Maintainer - SL1	Enlisted	MOS: 25C, Skill Level: SL1
19K10 Armor Crewman, Version 1.00	Enlisted	MOS: 19K, Skill Level: SL1
11A Officer Lieutenant, Version 1.00	Officer	AOC: 11A, Rank: 1LT
Aviation Operations Specialist (15P)	Enlisted	MOS: 15P, Skill Level: SL1
11B10, Infantryman - Version 1.00	Enlisted	MOS: 11B, Skill Level: SL1
MOS 31B, Military Police, Skill Level 1, Individual Critical Task List	Enlisted	MOS: 31B, Skill Level: SL1, Duty Pos: LCG
MOS 31E, Internment/Resetlement Specialist, Skill Level 1, Individual Critical Task List	Enlisted	MOS: 31E, Skill Level: SL1, Duty Pos: LCV
19D10 Calvary Scout, Version 1.00	Enlisted	MOS: 19D, Skill Level: SL1
19A Officer Lieutenant, Version 1.00	Officer	AOC: 19A, Rank: 1LT
15Q AIR TRAFFIC CONTROL ICTL (Consolidated)	Enlisted	MOS: 15Q
15Q10 Air Traffic Control ICTL	Enlisted	MOS: 15Q, Skill Level: SL1, LIC: EN
19K10 Armor Crewman, Version 1.00	Enlisted	MOS: 19K, Skill Level: SL1
ICTL Aviation Operations Specialist Composite SL 1-4	Enlisted	MOS: 15P